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TO:

Examiner Jon D. Epperson, Ph.D. FROM:

Frank C. Eisenschenk, Ph.D.

COMPANY:

U.S. Patent Office, Art Unit 1639

DATE:

January 10, 2005

FAX NO.:

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NO. OF PAGES:

(INCLUDING COVER SHEET)

#### SUBJECT/MESSAGE:

Re:

U.S. Patent Application Docket No. TPI-T200XC1

HIGH-THROUGHPUT FORMATION, IDENTIFICATION AND ANALYSIS

OF DIVERSE SOLID-FORMS

(Cima, Levinson, Lemmo, Galakatos, Putnam) Serial No. 09/756,092; filed January 8, 2001

Attachments: Petition and Fee for Extension of Time Under 37 CFR § 1.136(a)

Election Under 35 USC § 121§

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I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on January 10, 2005.

Frank C. Eisenschenk, Ph.D., Patent Attorney

ELECTION UNDER 35 U.S.C. § 121 Examining Group 1639 Patent Application Docket No. TPI-T200XC1 Serial No. 09/756,092

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner

Jon D. Epperson

Art Unit

1639

**Applicants** 

Michael J. Cima, Douglas Levinson, Anthony V. Lemmo, Nicholas

Galakatos, David A. Putnam

Serial No.

09/756,092

Filed

January 8, 2001

Conf. No.

5650

For

High-Throughput Formation, Identification and Analysis of Diverse Solid

Forms

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313

## ELECTION UNDER 35 U.S.C. § 121

Sir:

A Petition and Fee for a four-month Extension of Time through and including January 10, 2005 accompanies this Election.

In response to the written Restriction Requirement dated August 10, 2004 in the aboveidentified patent application, Applicants hereby elect to prosecute the following:

as the species of small molecule pharmaceutical, Applicants elect celecoxib (4-[5-(4-methylphenyl)-3-(trifluoromethyl)-1H-pyrazol-1-yl] benzenesulfonamide; 4-(1,1,1-trifluoromethyl-5-(4-methylphenyl) pyrazol-1-yl)- benzenesulfonamide, which has not evaded crystallization and is a known compound. The empirical formula for

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13:57

celecoxib is  $C_{17}H_{14}F_3N_3O_2S$  and the molecular weight is 381.38. The specific structure for celecoxib is:

Jan 10 '05

- as the species of tubes, Applicants elect glass vials;
- 3) as the species of support plates or sample well plates, Applicants elect heating/cooling block (a support plate);
- 4) as the species of automated dispensing apparatus, Applicants elect a Tecan Genesis with septum piercing capability;
- 5) as the species of formulation software, Applicants elect Matlab software;
- as the species of informatics, Applicants elect Microsoft Excel;
- as the species of analysis, Applicants elect Raman spectroscopy;
- 8) as the species of array number, Applicants elect at least 96 samples wherein 0 subarrays are contained within said array;
- as the species of solvent used for all samples, Applicants elect sodium hydroxide (NaOH);
- 10) as the species of sample difference, Applicants elect the amount of water between samples;
- as the species of method for grouping, Applicants elect Raman spectroscopy;
- 12) as the species of grouping, Applicants elect samples with a single polymorph;
- 13) as the species of processing method, Applicants elect cooling;
- 14) as the species of sample amount, Applicants elect less than 100 μg;
- 15) as the species of sample volume, Applicants elect 100 μl;
- as the species of components if present, Applicants elect a polymorphic form and sodium chloride (NaCl); in an aqueous solution as the additive;

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- 17) as the species of physical property screened, Applicants elect solubility;
- 18) as the species of structural property screened, Applicants elect particle size;
- 19) as the species of crystalline salt form, Applicants elect solvate.